

CLAIMS

1. An insulating glazing panel comprising at least two glass panes (10, 11) separated by a gas space (12),  
5 a spacer serving to keep the two glass panes apart and having at least one approximately flat strip (2) fitted at least partly around the perimeter of the glazing panel and fixed by adhesive bonding using fastening means (3), **characterized in that** the strip is fitted  
10 substantially toward the interior of the panel set back with respect to at least one end face (13) of a glass pane (11) and it is adhesively bonded against at least one internal face (11a) of a glass pane.
- 15 2. The glazing panel as claimed in claim 1, **characterized in that** the fastening means (3) constitute means for sealing with respect to the interior of the panel.
- 20 3. The glazing panel as claimed in claim 1 or 2, **characterized in that** the fastening means (3) cover, on the outside of the glazing panel, on the opposite side from the gas space, at least the respective edge(s) of the strip (24, 25) that are contiguous with the  
25 internal faces of the glass panes.
4. The glazing panel as claimed in one of claims 1 to 3, **characterized in that** the fastening means (3) are placed along the end face(s) (22, 23) of the strip that  
30 are placed against the internal faces (10a, 11a) of the glass panes and optionally extend toward the interior of the panel on the gas space side.
5. The glazing panel as claimed in any one of the  
35 preceding claims, **characterized in that** the glass panes (10, 11) have, on at least one of their sides with the strip, their end faces (12, 13) level.
6. The glazing panel as claimed in any one of

claims 1 to 4, **characterized in that** the glass panes (10, 11) have, on at least one of their sides with the strip, their end faces (12, 13) offset levelwise, one of the panes (11) being larger than the other, and the  
5 strip (2) rests, on the one hand, via one of its end faces (23) against the internal face (11a) of the larger of the panes (11) and, on the other hand, via its opposite end face (22) against the internal face (10a) of the other pane (10) and level with the end  
10 face (12) of said pane or set back toward the interior of the panel with respect to the end face (12) of said pane.

7. The glazing panel as claimed in one of claims 1 to  
15 4, **characterized in that** the glass panes (10, 11) have, on at least one of their sides with the strip, their end faces (12, 13) offset levelwise and the strip (2) rests, on the one hand, via its internal face (20) against the end face (12) of the glass pane (10) offset  
20 toward the interior of the panel and, on the other hand, via one of its end faces (23) against the internal face (11a) of the other glass pane, the fastening means (3) covering, on the one hand, the end face (12) of the glass pane (10) offset toward the  
25 interior of the panel and, on the other hand, the edge of the strip (25) contiguous with the other glass pane (11) or the end face (23) of the strip placed against the internal face (11a) of the other glass pane (11).

30 8. The insulating glazing panel as claimed in any one of the preceding claims, **characterized in that** the fastening means (3) consist of an adhesive of the hot-melt type.

35 9. The insulating glazing panel as claimed in claim 8, **characterized in that** the adhesive resists tear stresses of at least 0.45 MPa.

10. The insulating glazing panel as claimed in any one

of the preceding claims, **characterized in that** the material(s) forming the strip constitute means for sealing with respect to the interior of the panel.

- 5 11. The insulating glazing panel as claimed in any one of the preceding claims, **characterized in that** the strip has a buckling strength per unit length of at least 400 N/m.
- 10 12. The insulating glazing panel as claimed in any one of the preceding claims, **characterized in that** the strip has, on one or both of its faces, functional elements obtained by forming in the material of the strip.